



**SCHOOL DAYS ARE NOT A SCHOOL DAZE FOR THE A. H. NORMAN** family with seven youngsters attending various Oak Ridge schools this year. In the front row, from left, are Betty, Brenda and Tommy. Just behind them are Mary Ruth, Lynn, Holland and Gail and in the rear are the proud parents, Mr. and Mrs. A. H. Norman. He is steam plant engineer in Y-12.

## A. H. Norman Family With Seven Children In School At One Time Seen As Record

Lacking a worthy contender—backed by walking and talking proof of more than seven school-age children, the A. H. Norman family holds a legitimate claim to having the largest number of members of one family attending school at one time in Oak Ridge. Father Norman is a steam plant engineer in Y-12, where he has been employed since July 17, 1943.

Bright and early yesterday morning, Tuesday, September 7, all seven of the young Normans—four girls and three boys—trudged away from the family home at 101 Venus Road for three different schools in Oak Ridge. Two of them went to Oak Ridge High School, two to Jefferson Junior High School and the other three to the Pine Valley School.

Heer's how the registration lists will show the Normans—

Mary Ruth, 17, senior, Oak Ridge High School.

Holland, 15, sophomore, Oak Ridge High School.

Lynn, 12, eighth grade, Jefferson Junior High School.

Gail, 12, seventh grade, Jefferson Junior High School.

Betty, 9, fifth grade, Pine Valley School.

Brenda, 8, third grade, Pine Valley School.

Tommy, 6, first grade, Pine Valley School.

Many parents might fearfully cringe under the financial burden of attempting to educate such a large brood of young pupils. Not the happy Normans—they just count their blessings, all seven of them, as Father Norman said as he watched the clan leave home for their various schools.

### ATTRACTIVE MENUS LISTED FOR SPECIAL LUNCHES AT CAFETERIA

Attractive offerings are being made to patrons of the Special Lunches served at the Y-12 Cafeteria on tomorrow, Thursday, September 9, and next Tuesday, September 14. Italian spaghetti and meat sauce will be the entree for the Thursday lunch, while on next Tuesday the main dish will be stuffed bell pepper with parsley. The 50-cent Special Lunches also include a vegetable, choice of salad or dessert and rolls and butter.

## U. S. Defense Aide Warns Against Security Leaks

**Pride Is Declared No Excuse To Bare Classified Material**

Donald A. Quarles, United States Assistant Secretary of Defense in charge of Research and Development, points out that pride in one's work in a defense plant should not result in discussion of classified information at any time. Assistant Secretary Quarles, in a recent statement, declared:

### Natural To Be Proud

"It is quite natural to be proud of one's work and what and how much your plant produces for national defense. If these matters are classified information, and they often are, they must not be disclosed to anyone, unless that person has authority to have access to such information. The fact that a person is a member of your family, or your best friend, does not for a moment mean that he should have access to any classified information.

"A security clearance does not give one right to access to all classified information. It authorizes access only to such classified material as may be required to do the job a person is doing. This is called the 'need to know.'

"Being security conscious involves responsibility. It makes it necessary for you to check to see that a person has both a security clearance and 'need to know,' before you give him access to classified material.

"You have been given access to such information only because you have established a reputation for being reliable and trustworthy and because you have the 'need to know.'

"You live up to that reputation by being security conscious and by safeguarding classified information at all times."

### BIGGEST BEST SELLER

One of the biggest best sellers of all time is a government publication, "Infant Care." Written years ago by a mother of five, 20,000,000 copies have been sold and it is still going strong.

### GOOD NAME FOR PLANT

The New York Times has announced that Premier Menzies, of Australia, will open the Rum Jungle uranium treatment plant in Northern Territory early in the autumn.

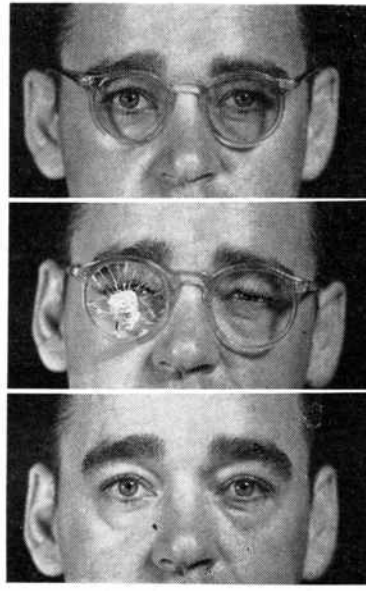
## Y-12 Girls Club Invites All Newcomers To Attend Business Session Next Monday

An important business meeting of the Y-12 Girls Club will be held at 8 o'clock next Monday night, September 13, in the East Lounge of the Ridge Recreation Hall. All women employees in the Y-12 Plant are urged to attend the session by Sue Wassom, of Wage Standards and president of the club, and other officers of the organization.

The club is making a particular

effort to enlarge its membership as a means of attaining its goal of providing more activities for women employees of Y-12. For this reason, the open invitation to all Y-12 women employees is issued as well as an appeal to all club members to make every effort to see that some newcomer is brought to the session.

During the meeting, an exhibition of dancing will be given by Ethel Howell and Bob McGill.



**THE EYES HAVE IT! WISE Y-12-**ers follow instructions to wear safety glasses or goggles on certain jobs when there are hazards that might lead to eye accidents. In this layout of pictures the Y-12er appears for work wearing his safety glasses (at top). A splash—thud and crackle of glass (center) follows impact of molten metal on the glasses—but they hold fast. As a result of the safety glasses, the Y-12er emerges (bottom) with his precious eyesight intact.

## Safety Glasses Preserve Sight Of 286 Y-12ers

**Most Important Sense Saved By Protection Given By Equipment**

"Praises be for safety glasses and goggles!"

That statement of thankfulness can sincerely be uttered by at least 286 Y-12ers whose eyesight was protected—and in some cases—completely preserved by the fact that they wore safety glasses or goggles, as their job duties required during the first six months of 1954.

### Rates High in Protection

Perhaps no single article of protective equipment in use by Y-12ers rates higher in importance and does such a good job of saving an employee's most precious sense—that of eyesight—as do the safety glasses and goggles that every Y-12er is instructed to wear on certain jobs where there is danger of flying particles or chemicals entering an eye.

The 286 cases of injuries to eyes suffered by Y-12ers at work in the first half of 1954 represent only 11 per cent of the so-called "minor injuries" in the plant during that period. "Minor injuries" are those that do not involve a loss of time from work. They totaled 2,558 during the first half of the year in Y-12.

### Many Lenses Shattered

However, among those 286 eye injuries were incidents that demonstrated the worth of the eye protection devices worn by Y-12ers. In several instances the lenses of safety glasses or goggles were completely shattered by the force of some object that struck them while they were serving their purpose of protecting the eyes of an employee. At least one was broken into small pieces, but the broken glass only caused a minor cut. Molten metal has been splashed on some of the safety glasses worn in the plant—but the glasses held firm and the valuable eyes behind them escaped unscathed.

By months during the first half of 1954, here are the number of eye injuries and the total number of minor injuries—January 44-380; February 61-383; March 44-437; April 43-430; May 30-413; and June 59-515.

### Shipyards Man Tells Story

A recent edition of The Industrial Supervisor, a publication of the National Safety Council, carried an article entitled "A Costly Lesson," it being a statement of

Continued on Page 2

## AICHe Sets Smoker At Terrace Tonight

The first meeting of the season for the Knoxville - Oak Ridge Chapter of the American Institute of Chemical Engineers will be a smoker for present and prospective members set for 8 o'clock tonight, Wednesday, September 8, at the Oak Terrace. John Schacter, of the K-25 Plant, is chairman of the group.

Three interesting movies will be shown during the meeting. One is "Project Tinkertoy," another is "Nuclear Reactors for Research" and the third is "How To Vote," featuring the late Robert Benchley. Refreshments also will be served during the smoker session.

All Y-12 members of the chapter are urged to attend the meeting and to bring along any newcomers to the plant who are prospective members of the organization. The chapter is planning an interesting program for sessions during the coming months, according to officers of the group.

## 'School Days' Theme Set For Carbide Wives Meeting

"School Days" will be the theme of the September meeting of the Carbide Wives set for 7:30 o'clock next Wednesday night, September 15, in the East Lounge of the Ridge Recreation Hall. Mrs. R. E. Webb, wife of a Y-12er, will be the executive board member in charge of the meeting and card party, during which bridge, canasta and bingo will be played. Hostesses will include Mesdames R. P. Wallace, whose husband is a Y-12er; S. W. Troutman, W. A. Gray, R. W. Ulm and W. H. Platt.

### NO RESPECTOR OF PROPERTY

The Denver Post recently reported that four prospectors have made a uranium ore strike on the property of the Denver Water Board.

**SAFETY SCOREBOARD**  
The Y-12 Plant Has  
Operated  
38 Days Or  
1,216,494 Hours  
(Unofficial Estimate)  
Without A Lost Time  
Accident  
Through September 6



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
CARBIDE AND CARBON  
CHEMICALS COMPANY  
A Division Of  
Union Carbide And Carbon  
Corporation  
Post Office Box Y  
Oak Ridge Tenn.  
GEORGE W. DOBBS . . . Editor  
OFFICE  
Bldg. 9704-2 Room 203  
Telephone 7753

## Oxweld Rail Service Combines With Linde

Effective September 1, Oxweld Railroad Service Company will combine with Linde Air Products Company, which has formed a new Railroad Department, to conduct the business now handled by the Service Company. Both Companies are Divisions of Union Carbide and Carbon Corporation.

Oxweld has served the railroads of the United States for more than 40 years by selling the gases, apparatus, carbide, and supplies for oxy-acetylene welding and cutting, and more recently also for Heliarc and Union-melt welding. Since the discontinuance of the Oxweld's "service contract" with the railroads, however, the method of doing business has been the same as that of Linde.

### Thompson Heads New Group

K. I. Thompson, formerly Vice President in Charge of Sales for the Service Company, has been appointed Manager of the Railroad Department of Linde Air Products Company, with headquarters in New York. The present organization of personnel of the Service Company will become the Railroad Department of Linde.

G. P. Bogert, President, and M. Burnett, Jr., Vice President, of Oxweld Railroad Service Company, will continue in these capacities to assist in the orderly transition, and Burnett, in addition, will assume new duties in another Division of the Corporation.

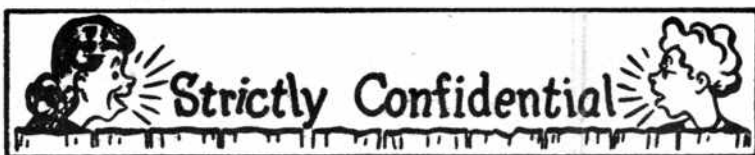
Oxweld was a pioneer in introducing oxy-acetylene processes to the railroad industry, and its Ribbonrail pressure-welding service has helped railroads lay sections of jointless tracks as much as three miles in length. More recently, Oxweld has been instrumental in showing railroads how to adopt to their uses the newer welding processes such as Heliarc, Union-melt, and sigma welding for construction and reclamation.

### Linde Founded In 1907

Linde was founded in 1907 and became a part of Union Carbide and Carbon Corporation in 1917. From the beginning, Linde has been the leader in the production, distribution and sale of oxygen and acetylene gases. Linde developed methods and equipment to make possible bulk deliveries of liquid oxygen to customers at costs far less than delivery by cylinders. In the automatic electric elding field, Linde developed and introduced Unionmelt welding, a process that gives far higher welding speeds than older methods. Car builders and railroads have used Unionmelt welding successfully for car construction and maintenance. Heliarc and sigma welding are processes of Linde that Oxweld Railroad Service Company brought to the railroads to enable them to weld efficiently stainless steel, aluminum, and other hard-to-weld metals.

### WHY TAXPAYERS CRIED

The Library of Congress, seeking to rival "She Sells Sea Shells," came up with this tongue-twister. "Silly Sally swiftly shoed seven silly sheep. The seven silly sheep Silly Sally shoed shilly-shallied South."



A lush with a terrible hangover was leading a fire-spitting dragon down the street on a leash. The animal stopped at every fire plug, tree and building to sniff. The hangover gent couldn't stand these dallies any longer. "Keep moving, ya bum," he warned, "or I'll take an aspirin and you won't be there."

However, the news is here—and here it is—

### CHEMICAL

Russell Smith is on vacation from Product Processing this week . . . The Chemical Department has three vacationers—whereabouts unreported at press time—P. P. Pride, R. W. Ware and T. S. Weaver.

### INDUSTRIAL RELATIONS

Betty Jo Butler, of Medical, spent the Labor Day holiday around the old family homestead at Camden, Tenn.

Cap'n W. R. McGill, of Fire Prevention and Control, is vacationing working on his new home in Maryville.

Jack Fisher, Security, is vacationing this week at home in Oak Ridge . . . Margaret Adcock is doing likewise.

The long Labor Day week end found Evelyn Allen, of Insurance, visiting her Air Force lieutenant husband at Ft. Benning, Ga. . . . Phil Graham went up to Cincinnati at the same time.

The Cafeteria sends best get-well wishes to Mayme Hundley, who recently underwent a major operation at the Baptist Hospital in Knoxville . . . Wynetta Patterson and her husband, Pat, of the Guard Department are vacationing this week with a former Y-12er, Euell Teague, in Memphis. . . . Jessie Bowens is visiting a sister in Chicago.

Joe Carpenter, of Safety, was expected to return home from the Oak Ridge Hospital over the week end as he is rapidly recuperating from his major operation—however, he has been worrying into a tizzie over his favorite Chicago White Sox.

Employment Department friends of Norma Faye Harter, former Y-12er in that outfit, are happy for her over her recently announced engagement.

### MANUFACTURING OFFICE

Property Sales must have borrowed the AEC whirly-bird to get their news over ahead of time last week . . . Vacationers are E. Kimblin, Ben Hope and Stella Gammel—no word of "where they are at" . . . Hicks expects to move into his new home before the "frost bites the punkins" . . . Duke, Jennings and "Red" McNelly are reported trying to buy season tickets to the Knoxville Friday night grunt and groan shows—they claim it beats domestic arguments on pay day nights . . . O. W. Patrick announces completion of a 60-foot well that already is full of water—says he's glad (?) he didn't strike oil as he would have had to start all over again, and that would be most annoying (?).

. . . Pace, McKamey and Charley "No Catch" Butler went squirrel hunting and brought in a few stories and three tails (no meat, so wonder "wot hoppen") . . . Ulyses "Always Catch Fish" Wallace plans to lower the Norris Lake finny population now that the weather is "just right"—pals are waiting and seeing . . . The welcome mat is out for Mel Hudson, just back from hospital observation—looks 10 years younger and is chipper as can be—friends want to know the tonic.

The Manufacturing Office Department sends get-well wishes to Cecil Smith . . . Tom Hillard is vacationing in Ohio . . . Ella Mae Koontz is resting up after her summer's softball hurling, doing same

in the best possible place—Florida.

Lucille Hatmaker, of Timekeeping, vacationed in New York City . . . A speedy recovery wish is sent Robert Worthington.

Tom Stephens, of Technical Information, spent last week in Georgia.

George Easley, of Property, is in Centerville, Tenn., this week.

Paul F. Brownlow, of Stores, and his wife, Margaret, of AEC, are visiting her parents in Newport, R. I., for a couple of weeks—just missed Cora, the hurricane, that is.

Get-well wishes go to J. O. Norman, of the Cashier's Office.

L. N. Stewart, G. W. Hart and Lloyd Acres, all of Receiving and Shipping, are vacationing.

### ALLOY

Alloy Division vacationers and destinations include—T. M. Brakebill in Birmingham, Ala. . . . F. A. Stroupe in Virginia . . . P. G. Hatmaker in Ohio and New York State . . . T. B. Crowley around home in Fountain City . . . Jean Vaughn around the Oak Ridge golf course and the horse barn (she's quite fond of the high stepping show equines) . . . J. W. Myers taking a few short trips around Oak Ridge . . . W. C. Ashbury went squirrel hunting in Scott County . . . The daring bear hunters, J. P. Grubb, W. T. Henry, Bob Bledsoe and E. R. McCollough sought 'em some bruins around Tellico Plains over the week end . . . Betty Jo Griffith is back at work glowing with happiness and excitement over her honeymoon-vacation trip.

Wear Y-12ers motoring to and from Knoxville vow that if all the automobiles in this big, wide land of ours were placed bumper to bumper—some darned fool would try to pass them—particularly on those Solway hills on the Oak Ridge Highway.

### MAINTENANCE

Alloy Development Maintenance has a couple of ambassadors in Florida on vacation—Major P. Welch in Clearwater and J. R. Bosson at Daytona Beach . . . D. H. Pierce is visiting kinfolks in Cleveland, Ohio . . . E. B. Crossway chose New York for a vacation . . . F. M. Zupan selected Detroit . . . H. O. Caughron is staying at home in Knoxville . . . Others "just vacationing" are Elmer Sharp, C. F. Huskey, J. D. Francher and R. M. Hayden.

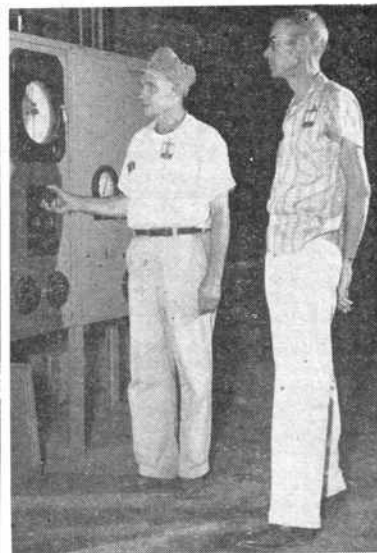
Phyllis Terry, Planning and Estimating, and her husband, C. V. Terry, of Office Services, are in Washington, D.C., visiting her sister . . . P. G. Herndon is in Bradenton, Fla. . . . Get-well wishes go to John Irving and a

Continued on Page 4



THIS IS NOT A USUAL 'MAN AT Work' picture for The Bulletin but was submitted by the wife of E. C. Hightower, of the General Machine Shop, to prove that her hubby is a good hand around the house in cases of emergency, particularly just after the Hightowers became parents of a new baby during the week of August 23, when he was on vacation.

## Retiring Y-12er Eyes Easy Life Of Farming And Fishing



LEANDER SHARP, LEFT, Y-12 Steam Plant operator who retired last Wednesday, takes a last look at the gauges in Steam Plant No. 1 with A. H. Norman, steam plant engineer and his boss for several years, on his last day at work.

An easy rural life with lots of fishing, caring for the family garden and mostly taking life easy is the course mapped out for the immediate future by Leander Sharp, Y-12 steam plant operator who reached the Company age of retirement last Wednesday, September 1. Sharp had been given an extension on his retirement, but decided to call it a day as far as Y-12 was concerned because of reasons of health.

### Presented Fishing Rod, Reel

Sharp was particularly popular with his boss, A. H. Norman, steam plant engineer, and other employees in the Steam Plant No. 1, where he was employed. In token of this esteem, the fellow workers of Sharp presented him with a fishing rod and reel just before his retirement. He—in turn—promised to put the gifts to good use and extended an invitation to the donors to "come up some time for a good fish dinner."

Sharp came to work in Y-12 back in the hectic war days—first being employed on August 15, 1944. He left the employ of Y-12 on April 25, 1946, but was rehired on October 8, 1946, with his employment being continuous since that date.

### Lives Near Cove Lake

Born in Norma, Tenn., in Scott County, Sharp has lived near Caryville for the past 13 years. His homeplace of four acres is located in sight of Cove Lake, in the Tennessee state park of the same name, and there is where he plans to do his fishing. In addition he raises chickens and hogs, has a cow and prepares all of the family meat right on the little farm. The former Y-12er was married in 1920 to Miss Bessie Hatfield. Nine children of the couple are still living and there are six grandchildren. Most of the children and grandchildren live near the Sharp home.

Before coming to work in Y-12 back in 1944, Sharp engaged in farming and also was a coal miner for several years.

## Safety Glasses Shield Sight Of 286 Y-12ers

Continued from Page 1

a "case history" of a man who sustained an eye injury because of taking his safety glasses off for only a few minutes while at work in a shipyard.

Here is the complete story as printed in The Industrial Supervisor:

"Upon his return to active duty after a month in the hospital, a rigger (who took a chance) was asked to tell in his own words just what happened when his unprotected right eye was injured. Here is his story:

"I am the rigger involved in a serious eye accident while performing an eye hazardous job on the carrier under conversion, all because I momentarily removed my safety glasses. A steel splinter flew into and became embedded in my right eye.

"While I was a patient at the Marine Hospital in addition to the pain, I also endured many hours of uncertainty, not knowing whether or not my injured eye would be removed. Although my eye was not removed, my vision has been impaired. If my eye was to be removed, an infection might affect the only remaining eye, which would cause total blindness. Found Out 'Hard Way'

"Unfortunately, I had to find out the hard way how important it is that safety glasses should be worn whenever employees are working in or passing through an eye hazardous area in the 'Can do Shipyard.'

"Fellows, when you think you may be totally blind, it means an awful lot to see again. I'm wearing safety glasses from here on out."

Every Y-12 employee working in eye-hazardous areas is requested to heed this man's experience. Why take a chance and suffer possible total blindness when you can wear the protective equipment available to you and continue to see? If you don't see the "light" now, you may never see it again.



Two Y-12 employees became fathers of babies born in the Oak Ridge Hospital recently. They are: Donald E. Blackburn, B Me-



The following Y-12 employees were patients in the Oak Ridge Hospital last week:

J. M. Miller, A Mechanical Operations; Joe F. Carpenter, Safety; R. B. Carter, Avis Collins and W. E. Lamb, General Machine Shop; C. H. Close, Alloy Development Maintenance; B. M. Cox, Electrical Maintenance; Glen A. Young, Product Processing.

## Report On Glasgow Parley Will Be Made For Seminar

A report on "The Glasgow Nuclear Physics Conference" will be made at the weekly meeting of the Oak Ridge Physics Seminar set for Friday afternoon of this week. The meeting will be held at 3:15 p.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. The speaker will be Seymour Bernstein, of ORNL, who attended the meeting. He originally was scheduled to speak earlier but did not return from Europe in time to make his appearance. Y-12ers interested in the report are invited to attend the seminar session.

chanical Operations, girl, August 29.

Ernest Konig, Beta Four Maintenance, girl, August 31.

Keep clear vision—thence no collision.



# Tourney Hails Pair Of Robins

## Savage And Roberts Honored In Selections

Although playing but three games in the recent Southern Regional Women's Softball Tournament, the performances of two members of the Y-12 Robins caught the eyes of tournament officials and newsmen covering the event and selecting all-tournament players. They were Priscilla Savage, chosen all-tournament third baseman; and Bonnie Roberts, picked for the sportsmanship award.

Miss Roberts, catcher for the Robins, who has been playing softball and other sports since she was knee high to a robin, has been a member of the Y-12 women's team for several years.

For a couple of years she formed a sister battery with her sister, Patricia, as pitcher, and the Pat and Bonnie combination brought many victories to the Y-12 team. Pat resigned from Y-12 to join the Women's Army Corps in October, 1950. Prior to her discharge from the WACs she was married and now is the mother of a bouncing boy and is living in North Carolina.

Bonnie Roberts also is the daughter of Roy Roberts, manager of the Y-12 Cardinals. She works in the Y-12 Production Assay Department.

Pris Savage, as she is known to her teammates and other friends, was playing her first season with the Robins this year. She is an employee in the chemical technology division of Oak Ridge National Laboratory and was permitted to play for Y-12 because ORNL did not field a women's softball team this season. In addition to her proficiency on the diamond she also is a good basketball and tennis player.

Her father is Wesley Savage, formerly a Y-12er and now with the aircraft reactor engineering division of ORNL.

Miss Savage's fielding and hitting attracted much favorable attention during the tournament and drew particular comment from Tom Anderson, Knoxville Journal sports columnist, who had this to say about the Robin third sacker: "Although her team was eliminated short of the final round, many spectators thought Oak Ridge's third baseman, Pris Savage, was just about the best all-round player in the Southern Regional Softball Tournament. The young lady hit, fielded, ran and slid like a man, than which there can be no higher compliment for a member of her sex to receive."



ANOTHER FINE TEAM IN THE Y-12 PLANT GOLF LEAGUE IS THE Hooks pictured above. Members of the team from left, "Fuzz" Harris, Pat Patterson, Clyde Bowles and Don Matlock.

## Rippers And Gophers Fight To Finish In Second Half Of Y-12 Golf League

The Rippers and Gophers are in a battle for the second half championship of the Y-12 Plant Golf League with the Rippers holding first place by a nine-point margin after defeating the Fat Boys 12 to 5 last week while the Gophers took 11 points from the Rough Riders. All of the action took place at the Oak Ridge Golf and Country Club. Other league action saw the Chippers and Hooks fight to an eight-point deadlock while the Grand Slammers were not scheduled.

## Y-12 Orioles Win Pair In City Tourney

The Y-12 Slo Pitchers are on a rampage in the Oak Ridge City Slo Pitch Tournament in progress at Midtown No. 1 Field. The Y-12ers turned in a pair of impressive wins last week, the first over the Oak Ridge Hospital by 17 to 12 in a slugfest and the second over the Oak Ridge Institute of Nuclear Studies by 11 to 10 in a thriller.

A big 10-run second inning by the Y-12ers proved to be the difference in the Hospital tussle. Leading Y-12 hitters in this game were L. E. Sykes and Andy Anderson, with four hits each, while Roy Roberts banged out three singles.

The Y-12 men really made a comeback in the ORINS game by scoring seven runs in the seventh and last inning. ORINS got off to a four-run lead in the first inning but the pressure was too much and the Y-12ers slid in with another tourney victory.

Line scores of tournament games follow:

Team	R	H	E
Hospital	0	10	7
Y-12 Orioles	5	10	0
Africk and Bigelow, Anderson and Argo.			

Team	R	H	E
ORINS	401	000	5-10
Y-12 Orioles	000	004	7-11
Martin and Duff, Anderson and Smith.			

## Foreign Nations Seeking U.S. Atomic Energy Aid

Several foreign countries are reported approaching United States governmental officials as well as private firms looking for assistance in developing atomic energy for peacetime uses. Newsweek Magazine recently stated that Japan and Brazil already have started exploratory talks with American firms with Belgium and the Scandinavian nations also showing interest in possible power production through reactors that would be cheaper than hydroelectric power. The New York Times also stated that Belgium and United States officials are working on an agreement for this country to supply technical data to that nation.

# Final Organizational Meeting For Bowlers Set On Friday

## Representatives Of Teams Seeking Berths In Three Leagues Are Urged To Be Present

Last call for bowlers! The final organizational meeting for all Y-12 bowling leagues, excluding the B League, will be held at 10 o'clock, Friday morning, September 10 in Room 207, second floor, in Bldg. 9704-2. All team captains or representatives or anyone interested in joining a team in the C, D or Mixed Leagues are urged to be at the final meeting.

If any team captain cannot be present at the meeting, a phone call to the Recreation Office, telephone 7754, is all that will be necessary to reserve a spot in the C, D or Mixed League.

### September 15 Opener Eyed

The Recreation Office is hoping for eight teams in the C League which will bowl at 6 p.m. each Wednesday at the Central alleys. September 15 has been set as a tentative date for pin action to start in the C Loop. One team spot is open in the C League.

The D League has several openings, as only one team has shown interest in joining the league this year. The D League will bowl at 8 p.m. on Tuesday at the Central alleys. Anyone interested in getting in on the action in the D Loop is requested to be at the meeting this Friday.

### Mixed League Date Unset

The Mixed League has three definite starters at the present time and hopes for five more entering in the action. Two men and two women make a team in the Mixed League which will roll at the Central alleys at 6 p.m. on each Tuesday. No definite time has been set for the league to start bowling.

## Y-12 Keglerettes Victors Over AEC

The Y-12 varsity keglerettes got away to a good start in the Oak Ridge Women's City Bowling League last Thursday night by posting a three and one-half point to one-half point victory over the Atomic Energy Commission lassies. However, four other teams in the league won four points each to throw the Y-12ers into fifth place after the first night of pin smashing.

The Y-12 women took the first game by 652 to 589, the second by a narrower margin of 713 to 708, then slumped to allow the losers to gain a tie in the last tilt at 645 each, accounting for the one-half point in the results. Total pinnage for Y-12 was 2010 to 1942 for AEC.

Ruby O'Kain topped the victors in individual scoring with 124, 197, 117-438; and was followed by Mavis Koons 154, 138, 132-424; Dot Park 144, 131, 130-405; Betty Whitehorn 129, 135, 111-375; and Doris Walton 101, 112, 155-368.

The Y-12 keglerettes will meet the Cas Walker bowlers this week. The Walker team, with EAT, Management Services and the Stinkers all are tied for first place in the loop.

## Tool Engineers Planning Interesting Seasonal Card

An interesting fall and winter program is being arranged by the Oak Ridge Chapter of the American Society of Tool Engineers, Knoxville - Oak Ridge Area Chapter, which held its first meeting of the season last night, Tuesday, September 7, in Knoxville. The chapter has a number of members in the Y-12 Plant Area.

At the opening meeting, Emil Sienknecht, former Y-12 photographer and now with Oak Ridge National Laboratory, spoke on industrial photography, his subject being "Photography As a Tool in Industry."

Rhode Island—Texas after taxes.

## Y-12 SPORTS

## B Bowling League Starts Fast Action

Another season of bowling got underway for Y-12ers last week at the Oak Terrace alleys with plenty of pin blasting taking place in the fast B Bowling League. Results of action on the first night found the All Stars move to the top spot in the loop by taking a whitewash victory from the Swingsters with this win being the only one good for four points. A three and one-half point win was claimed by second place Wasps over the clawing Tigers while the Rebels and Rippers had a fine match with the score finally reading two points each. Three-point victories were common as the Wolves, Cubs and ADP won over the Bumpers, Has Beens and 9211, respectively.

Individual honors went to Tom Webber, of the Wasps, with a 571 scratch series, boosted to 661 with handicap. Roy Roberts, the old pro with the Has Beens, tallied a fine 215 scratch game and the Wasps' Webber rolled a 242 handicap game. Team honors belonged to the Cubs as they blasted the maples for a 2418 scratch series, boosted to 2859 with handicap. The Has Beens rolled a 840 scratch game while the Wasps went to the head of the class with a 984 handicap game.

Charley Greene, of the Cubs, came in with a share of glory by picking up a big 4-7-9-10 split.

League standing follows.

Team	W	L
All Stars	4	0
Wasps	3 1/2	1 1/2
Wolves	3	1
Cubs	3	1
ADP	3	1
Rebels	2	2
Rippers	2	2
Bldg. 9211	1	3
Has Beens	1	3
Bumpers	1	3
Tigers	1/2	3 1/2
Swingsters	0	4

## ADP Still Battling In City 'B' Tourney

Manager Carl Frazier and his band of ADP softballers were still in the running last Friday for the title of the City "B" Softball Tournament, which is scheduled to end tomorrow night, Thursday, September 9. ADP turned in an impressive 6 to 5 win over the Athletic Shop to move into the semi-finals of the tourney. Jim Cook twirled a neat four-hitter while Herbert Oliver and John Byrd paced the ADP hitters by slamming out one base knock each. The Athletic Shop jumped to a four run lead in the third inning but the Y-12ers fought back by scoring two runs in the fifth frame and add four tallies in the sixth canto.

ADP is the only Y-12 team remaining in the tournament out of the seven original entries.

Line score follows:

Team	R	H	E
Athletic Shop	004	000	1-5
ADP	000	024	0-6
Cook and Hopkins, Simpson and Riggs.			

Remember—Only you can PREVENT FOREST FIRES!





**CARBIDE AND CARBON  
CHEMICALS COMPANY**

A Division of

**Union Carbide and Carbon Corporation**Post Office Box Y  
Oak Ridge, Tenn.

(RETURN POSTAGE GUARANTEED)

Sec. 34.66 P.L.&R.  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 3

# Safety In Hunting Urged As Seasons Opened; Dates For Various Types Of Game Announced

The fall and winter hunting season now is open in Tennessee and many Y-12 nimrods will be taking to the fields in search of the various types of game that abound in East Tennessee. The season on squirrels, doves and gallinules opened September 1 and, in some counties, on wild bear and boar. Hunting activities of some kind will continue through January 25, 1955.

The return of the hunting season increases the threat of firearm accidents that take about 2,200 lives annually in the United States. Activities most frequently responsible for firearm fatalities in hunting are walking into line of fire, unintentional discharge of loaded guns when hunters carrying them trip, stumble or handle the weapons carelessly and hunters being mistaken for game. More hunters are killed by guns of their own companions than by members of other hunting parties, with statistics of the Metropolitan Life Insurance Co. showing that at least four out of every five of hunters reported killed being shot by members of their own group.

Here are a few suggestions for safety while hunting that should be observed by every Y-12er and members of his or her hunting

parties this season.

1. Guns carried into camps or homes or when otherwise not in use must always be unloaded, taken down or have actions open.

2. Always be sure the barrel and action are free of obstructions, particularly dirt, and that the ammunition is the correct size for the weapon. This will reduce chances of an explosion in the gun.

3. Always carry a gun so that the direction of the muzzle can be controlled in case of stumbling or tripping and keep the safety catch on until ready to fire.

4. Be sure of the target before firing.

5. Never point a gun at any object it is not intended to shoot and avoid all horseplay while handling a gun.

6. Never climb a fence or tree or jump a ditch with a loaded gun.

7. Avoid all alcoholic drinks before and during a hunting trip.

Returning to the hunting dates in Tennessee, the squirrel season extends through January 1, 1955. The daily limit is six with possession limit being 12.

The dove season covers two periods. The first will extend to September 20 and the second will

be from October 1 through November 2. In each of the seasons firing must not begin before noon and must be concluded at sunset. The daily bag limit and possession is eight birds.

There is an open season on black bear in Blount, Sevier, Cocke and Monroe Counties from September 1 through October 12, exclusive of wildlife management areas. One bear per person during the season is the limit. Females with cubs of less than 50 pounds in weight may not be killed. Boar may be shot only in Monroe County, exclusive of the Tellico Wildlife Management Area, through October 12. The limit of boar also is one per hunter per season.

All hunters are urged to help prevent forest and grass fires that not only destroy game, homes, timber and crops, but also take many lives. It is up to every hunter to observe simple rules to prevent such fires that reduce and limit hunting pleasures. Campfire sites should be near a stream or lake, if possible, and after using every fire should be completely extinguished with water. Smoking should be limited to camp areas and lighted matches, cigarette or cigar stubs, and pipe ashes always should be extinguished after being thrown away.



Continued from Page 2

welcome back was given Virginia Perkins.

Lula Belle Justice, of Transportation, who has been piloting passengers around Oak Ridge for 10, these many years, is vacationing—she plans to take an automobile ride over to the big fair in Knoxville... The Transportation and Buildings and Grounds people extend sympathy to J. B. Gray, whose brother, Fred Gray, was drowned recently at Blairsville, Ga. ... Vacationers include J. K. Powell, R. T. Faulkner, D. Lay, C. W. Hillion, R. L. Martin, W. A. Pratt, O. Smith, J. R. Raymer, C. L. Newcomb, G. G. Boshears, J. R. Grills, R. Knoff, E. Bazell and S. L. Bryant.

Bill Coggins, of Salvage, and family went to Chicago over the Labor Day holiday.

From Florida to California are scattered Field Maintenance vacationers... In the Sunshine State of the East Coast are F. H. Morrow in St. Petersburg, Panama City and other Gulf Coast fishing metropolises, and Marvin E. Short in Daytona Beach... Singing "California, Here I Come" is J. P. Kirk.

Other getter-arounders are J. C. Mills and R. L. Henry in North Carolina and H. J. Tate in that state and also in Virginia... G. M. Renfro is in St. Louis... L. A. Turpin stayed at home in Oliver Springs and N. F. Bush is digging potatoes near Harriman (that's a vacation?)... A. I. West is over Knoxville way and L. E. Selvidge is at Lenoir City... D. A. Pruitt is fishing favorite spots in the vicinity... H. H. Miller is just at home in Oak Ridge.

**TECHNICAL**

W. H. Lovell, Project Engineering, vacationed at home last week... A. E. Sands visited a son in Boston, Mass.

Barbara Williams, Project Design, spent the week end in Hot Springs, Ark., where it REALLY gets hot this time of year... F. S. Patton went to Mississippi, where it gets likewise.

Chemical and Industrial Engineering tells that Bill Kirk is in California for a couple of weeks... Jack Foresman is spending a like period in Minnesota.

Civil and Architectural Engineering extends sympathy to Dorsey J. Bruner, whose father died in LaFollette recently... R. A. Hill vacationed in Florida.

Mary Nell Rawson and Margaret Eager, of Production Analysis, are touring Florida with a side jaunt to Cuba... Chick Burnett vacationed last week, as did Wallace Carden, Guy Wells and Ed and Martha McCombs... Harry King went to Minnesota... Marlin Dill was satisfied with Middle Tennessee.

**MECHANICAL OPERATIONS**

Bob Loy, General Machine Shop, is taking a week's loafing at Norwood Beach (Knox County)... D. H. Allen really found him a beach at Miami... Another representative in Florida is J. W. Cantrell in Daytona Beach... W. O. Thompson is getting around Dixie with visits in Birmingham and Mobile, Ala., and Atlanta, Ga.

E. E. Burns is visiting in Kingsport—then plans to go to Florida... B. H. Hobby is in Atlanta... Visiting kinfolks in Fuquay Springs, N. C., is occupying the vacation time of J. D. Davis... Closer around are N. H. Wise fishing in Loudoun and Norris Lakes... C. C. German at Livingston, Tenn... J. L. Overton and L. A. Michael at Clinton... D. L. Hall wetting lines a-fishing around these parts... A warm welcome was extended last week to newcomers C. B. Collins, L. E. Jordan, E. L. Huffman and E. L. Reed... Quick recovery wishes go to Gerald Lankford and Gene Huskisson, among the ailing.

J. G. Walpool, of Mechanical Operations Divisions, and the misus also got around quite a bit on vacation—visiting relatives in Nashville, then driving to Luray Caverns and other points in Virginia and finally landing in Washington, D.C... Congratulations were being showered on Donald E. Blackburn, whose new daughter, Sandra Faye, was born August 28.

So now the time arrives for the class to form quickly at the right and file quietly from the room—until next lesson.

## 'Prospecting With Counter' Booklet Now Is On Sale

"Prospecting With A Counter" is the latest Atomic Energy Commission booklet describing the use of radiation detection instruments in prospecting for uranium ores. It has been placed on sale by the United States Government Printing Office, Washington, D. C. The author of the 68-page booklet is Robert J. Wright, of the AEC Operations Office at Grand Junction, Col., and the volume sells for only 30 cents.

The booklet describes instruments suitable for prospecting and how to use them. Emphasis has been placed on practical problems relating to use of the instruments and their useful characteristics and limitations also are described.

## CLEAR VISION ESSENTIAL FOR SAFE DRIVING



Being able to clearly see where you are going is just as essential in driving a car as getting about on your own two feet. Take the time and trouble always to remove ice, dirt or snow from the windshield of your car. While driving in a heavy rainstorm or at night stop the car if your view becomes obstructed. Pull over to the side of the road and rest whenever your eyes become fatigued.

AMERICAN MUTUAL LIAB. INS. CO.

## Rides Wanted, Offered

**Riders Wanted**—From North Hills section of Knoxville to North Portal, D Shift. Cecil B. Clowers, plant telephone 7903, home telephone 2-8294, Knoxville.

**Ride Wanted**—From Jackson Square vicinity, Oak Ridge, straight day. B. F. Jones, plant telephone 7302, home telephone 5-9340, Oak Ridge.

**Want To Join Car Pool**—From Kingston, straight day. T. A. Hickman, plant telephone 7-8510, home telephone 6261, Kingston.

**Riders Wanted**—From Bearden section of Knoxville to East Portal, straight day. H. L. Gary, plant telephone 7591, home telephone 8-5485, Knoxville.

**Ride Wanted**—From Beal's Chapel vicinity, near Martel, 4 p.m. to midnight shift. Oscar Long, plant telephone 7-8477.

**Ride Wanted**—From vicinity of Rifle Range Road, Fountain City, to East Portal, straight day. W. H. Hunter, plant telephone 7469, home telephone 6-1993, Knoxville.

**Want To Join Car Pool**—From North Hills section of Knoxville, B Shift. Charles Catlett, plant telephone 7464, home telephone 4-8957, Knoxville.

**Ride Wanted**—From 123 Ingersol Ave., South Knoxville, A Shift. E. E. Gouge, plant telephone 7573, home telephone 7-4022, Knoxville.

**Ride Wanted**—From East Knoxville to Central Parking Lot, C Shift. Bill Kerr, home telephone, 2-4357, Knoxville.

**Ride Wanted**—From Harrell Hills section, Longview Road, Knoxville, to East Portal, straight day. Verna Jackson, plant telephone 7714, home telephone 3-0387, Knoxville.

**Ride Wanted**—From vicinity of Dunlap Nursery, Kingston Pike, Knox County, to Central Parking Lot. A. L. Cardwell, plant telephone 7639, home telephone 6-3011, Knoxville.

**Ride Wanted**—From Hendricks St., Clinton, to East Portal, straight day. Dolores Chitwood, plant telephone 7169, home telephone 288, Clinton.

**Ride Wanted**—From 4417 Central Ave. Pike, Knox County, straight day. O. R. Monroe, plant telephone 7737, home telephone 6-6707, Knoxville.

**Riders Wanted**—From Lenoir City to Central Parking Lot, B

## September Noted In History For More Than Just 30 Days

"Thirty Days Hath September—" is a well-known verse aimed at teaching the arithmetic of the calendar. However, September has much more than just 30 days to recommend it in history. Here are some of the outstanding events of the month:

**September 4, 1781**—City of Los Angeles (El Pueblo de Nuestra Senora La Reina de Los Angeles de Porciuncula) founded by the Spanish government of California.

**September 5, 1774**—First Continental Congress met in Philadelphia, Pa.

**September 7, 1789**—Born in Burlington, N. N., James Fenimore Cooper, who wrote "The Last of the Mohicans" and other novels.

**September 14, 1814**—Seeing the American flag still flying over Ft. McHenry, Md., after a British naval attack failed, Francis Scott Key wrote (on the back of an old letter) "The Star Spangled Banner."

**September 18, 1793**—The cornerstone of the new capitol building was laid in Washington, D. C.

**September 15**—Felt Hat Day is generally observed throughout the country with all of the summer straws being discarded.

**September 26**—Gold Star Mother's Day is widely observed, particularly by veterans organizations.

The jewel of the month for September is the sapphire and the flower is the aster.

Shift. W. O. Peterson, plant telephone 7639, home telephone 2208, Greenback, Tenn.

**"Get those cold feet off the eggs!"**

## 10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—

**Sam King**, Electrical Maintenance, September 11.

**Magnolia Kitts**, Product Processing, September 11.

**Virgil Lovett**, Electrical Maintenance, September 11.

**Thomas L. Hart**, Beta Two, September 12.

**Lyle G. Lankford**, Mechanical Operations Division, September 12.

**Eva H. Sigmon**, Beta Four, September 13.

**Pauline F. Williams**, Product Processing, September 13.

**R. G. Marlar**, Chemical, September 14.

**Jesse H. Hammond**, Product Processing, September 14.

**Lloyd Acres**, Receiving and Shipping, September 14.

**Howard I. Esty**, Property, September 15.

## British Science Publication Urges Atomic Energy Control

The British publication, "Atomic Scientists Journal," in a recent editorial believes that the power of the hydrogen bomb has finally been impressed on the public mind and says "it may well stimulate further efforts to secure the international control of atomic energy." The editorial states:

"The announcement of the explosion of the thermonuclear bombs and the release of pictures of the 1952 explosion has again brought the H-Bomb before the general public, and apathy has changed to alarm. The new developments, however, added little to our knowledge of this weapon beyond a few details regarding its explosive force. The admission that such a bomb now has proved practicable and that it could destroy most of the metropolitan area of New York City finally has impressed its power on the public mind."

Run across any good \$10,000 bills recently? Report says 770 of them are in circulation—the biggest denomination of regular currency made by Uncle Sam.